

IN THE CLAIMS

Please amend Claims 1-3, 8-10, and 15-18, and add Claims 19-22, to read as follows.

1. (Currently Amended) An apparatus for recording speech to be used as learning data for recognizing input speech, comprising:

storage means for storing a recording character string indicating a sentence to be recorded;

recognition means for recognizing input speech for use as the learning data so as to obtain a recognized character string corresponding to the stored recording character string;

determination means for comparing a pattern of the recognized character string with a pattern of the recording character string stored in said storage means so as to obtain a matching rate therebetween, and for determining whether ~~said~~ the matching rate exceeds a predetermined level; and

recording means for recording the input speech as the learning data for recognizing speech when ~~it is~~ determined by said determination means that ~~said~~ the matching rate exceeds the predetermined level.

2. (Currently Amended) An apparatus according to claim 1, further comprising re-input instruction means for issuing an instruction to input speech once again when ~~it is~~ determined by said determination means that ~~said~~ the matching rate does not exceed the predetermined level.

3. (Currently Amended) An apparatus according to claim 1, wherein said determination means determines said the matching rate by performing DP matching between the recognized character string pattern and the recording character string pattern.

4. (Original) An apparatus according to claim 3, further comprising presentation means for presenting an unmatched portion between the recognized character string pattern and the recording character string pattern to a user as a result of performing the DP matching by said determination means.

5. (Original) An apparatus according to claim 4, wherein said presentation means presents the unmatched portion so as to identify the type of error as an insertion error, a missing error, or a substitute error, as a result of performing the DP matching by said determination means.

6. (Original) An apparatus according to claim 4, wherein said presentation means simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

7. (Original) An apparatus according to claim 4, wherein said presentation means simultaneously displays the recognized character string and the

recording character string on a screen by causing an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string to blink.

8. (Currently Amended) A method for recording speech, to be used as learning data for recognizing input speech, comprising:

a recognition step of recognizing speech for use as the learning data so as to obtain a recognized character string;

a determination step of comparing a pattern of the recognized character string with a pattern of a recording character string indicating a sentence to be recorded so as to obtain a matching rate therebetween, and of determining whether ~~said~~ the matching rate exceeds a predetermined level; and

a recording step of recording the input speech as the learning data for recognizing speech when ~~it is~~ determined in said determination step that ~~said~~ the matching rate exceeds the predetermined level.

9. (Currently Amended) A method according to claim 8, further comprising a re-input instruction step of issuing an instruction to input speech once again when ~~it is~~ determined in said determination step that ~~said~~ the matching rate does not exceed the predetermined level.

10. (Currently Amended) A method according to claim 8, wherein said determination step determines ~~said~~ the matching rate by performing DP matching between the recognized character string pattern and the recording character string pattern.

11. (Original) A method according to claim 10, further comprising a presentation step of presenting an unmatched portion between the recognized character string and the recording character string to a user as a result of performing the DP matching in said determination step.

12. (Original) A method according to claim 11, wherein said presentation step presents the unmatched portion so as to identify the type of error as an insertion error, a missing error, or a substitute error, as a result of performing the DP matching in said determination step.

13. (Original) A method according to claim 11, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

14. (Original) A method according to claim 11, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by causing an unmatched portion or a matched

portion of at least one of the recognized character string and the recording character string to blink.

15. (Currently Amended) A speech recognition system comprising:

storage means for storing a recording character string pattern indicating a sentence to be recorded;

recognition means for recognizing input speech, to be used as learning data, so as to obtain a recognized character string pattern corresponding to the recording character string pattern;

determination means for comparing the pattern of the recognized character string with the pattern of the recording character string stored in said storage means so as to obtain a matching rate therebetween, and for determining whether said the matching rate exceeds a predetermined level;

recording means for recording the input speech as the learning data for recognizing speech when ~~it is~~ determined by said determination means that said the matching rate exceeds the predetermined level; and

learning means for performing learning on a speech model by using the input speech recorded by said recording means,

wherein said recognition means performs speech recognition by using speech data learned by said learning means.

16. (Currently Amended) A speech recognition method comprising:

- a learning recognition step of recognizing input speech, to be used as learning data, so as to obtain a recognized character string;
- a determination step of comparing a pattern of the recognized character string with a pattern of a recording character string indicating a sentence to be recorded so as to obtain a matching rate therebetween, and of determining whether said the matching rate exceeds a predetermined level;
- a recording step of recording the input speech as the learning data for recognizing speech when ~~it is~~ determined in said determination step that said the matching rate exceeds the predetermined level;
- a learning step of performing learning on a speech model by using the input speech recorded in said recording step; and
- a recognition step of recognizing unknown input speech by using the speech model learned in said learning step.

17. (Currently Amended) A ~~control program having~~ computer readable medium storing a control program having computer readable program code units for allowing a computer to execute a speech recording method, said control program comprising:

- a first program code unit for recognizing input speech used as ~~the~~ learning data so as to obtain a recognized character string pattern;
- a second program code unit for comparing a pattern of the recognized character string with a pattern of a recording character string indicating a sentence to be

recorded so as to obtain a matching rate therebetween, and of determining whether ~~said~~
the matching rate exceeds a predetermined level; and

a third program code unit for recording the input speech as the learning
data for recognizing speech when it is determined in said ~~determination step~~ second
program code that ~~said~~ the matching rate exceeds the predetermined level.

18. (Currently Amended) A computer readable medium storing a control
program for allowing a computer to execute a speech recognition method, said ~~speech~~
~~recognition method~~ control program having ~~computer readable program code units~~
comprising:

a first program code unit for recognizing input speech, to be used as
learning data, so as to obtain a recognized character string;

a second program code unit for comparing a pattern of the recognized
character string with a pattern of a recording character string indicating a sentence to be
recorded so as to obtain a matching rate therebetween, and of determining whether ~~said~~
the matching rate exceeds a predetermined level;

a third program code unit for recording the input speech as the learning
data for recognizing speech when it is determined in said ~~determination step~~ second
program code unit that ~~said~~ the matching rate exceeds the predetermined level;

a fourth program code unit for performing learning on a speech model by
using the input speech recorded in said ~~recording step~~ third program code unit; and

a fifth program code unit for recognizing unknown input speech by using
the speech model learned in said ~~learning step~~ fourth program code unit.

19. (New) An apparatus according to claim 1, further comprising display control means for controlling displaying of the character string indicating the sentence to be recorded, wherein said recognition means recognizes input speech of the displayed sentence that the user reads out.

20. (New) A method according to claim 8, further comprising a display control step of controlling displaying of a character string indicating the sentence to be recorded, wherein said recognition step recognizes speech of the displayed sentence that the user reads out.

21. (New) A system according to claim 15, further comprising display control means for controlling displaying of a character string indicating the sentence to be recorded, wherein said recognition means recognizes input speech of the displayed sentence that the user reads out.

22. (New) A method according to claim 16, further comprising a display control step of controlling displaying of a character string indicating the sentence to be recorded, wherein said recognition step recognizes input speech of the displayed sentence that the user reads out.